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Townsend et al.

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(54) **UNINTENTIONAL TOUCH REJECTION**

(71) Applicant: **Microsoft Technology Licensing, LLC**, Redmond, WA (US)

(72) Inventors: **Reed L. Townsend**, Seattle, WA (US); **Alexander J. Kolmykov-Zotov**, Sammamish, WA (US); **Steven P. Dodge**, Sammamish, WA (US); **Bryan D. Scott**, Bothell, WA (US)

(73) Assignee: **Microsoft Technology Licensing, LLC**, Redmond, WA (US)

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(58) **Field of Classification Search**
None
See application file for complete search history.

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Primary Examiner — Kenneth B Lee, Jr.

(57) **ABSTRACT**

A method for rejecting an unintentional palm touch is disclosed. In at least some embodiments, a touch is detected by a touch-sensitive surface associated with a display. Characteristics of the touch may be used to generate a set of parameters related to the touch. In an embodiment, firmware is used to determine a reliability value for the touch. The reliability value and the location of the touch is provided to a software module. The software module uses the reliability value and an activity context to determine a confidence level of the touch. In an embodiment, the confidence level may include an evaluation of changes in the reliability value over time. If the confidence level for the touch is too low, it may be rejected.

20 Claims, 11 Drawing Sheets